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11. (AMENDED) Apparatus for reducing distortion of a signal applied to an input of a circuit operating at high frequency and having a parasitic capacitance, comprising:

- a detecting circuit for detecting a change in voltage of said input signal; and
- a correction circuit for changing an impedance of a parallel termination circuit that is in parallel with said parasitic capacitance to reduce distortion of said input signal.

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14. (Amended) Apparatus for reducing distortion of an input signal applied to an input of a circuit operating at high frequency and having a parasitic capacitance at said input, comprising:

- a first circuit element for selectively providing current to said parasitic capacitance;
- a second circuit element for selectively preventing discharge of said parasitic capacitance; and
- a control circuit monitoring said input signal for respectively turning on said first circuit element and turning off said second circuit element when a positive going edge of said input signal is detected and for turning off said first circuit element and turning on said second circuit element when a negative going edge of said input signal is detected.

16. (TWICE AMENDED) Apparatus for reducing distortion of an input signal applied to an input of a circuit operating at high frequency and having a parasitic capacitance at said input, comprising:

a first circuit element for selectively providing current to said parasitic capacitance;

a second circuit element for selectively preventing discharge of said parasitic capacitance; and

a control circuit monitoring said input signal for respectively turning on said first circuit element and turning off said second circuit element when a positive going edge of second circuit element when a negative going edge of said input signal is detected;

said first and second circuit elements have a common terminal coupled to said parasitic capacitance;

said first and second circuit elements being transistors.

#### REMARKS

The present application contains claims 1-6 and 11-27. Claims 2, 11, 14 and 16 have been amended.

The specification has been amended to cure certain informalities contained therein.

These changes have been made to cure certain informalities and to conform the specification